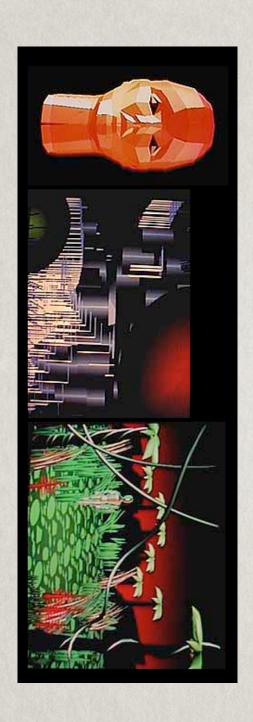
PARALLELS IN

JIM LINDNE

PRESERVATION



ALL THIS DIGITAL WORK LEADS TO SENSORY DEPRIVATION!



BOUGHT A CHURCH







HE CHURCH WAS A 'FIX-ER-UP-ER"

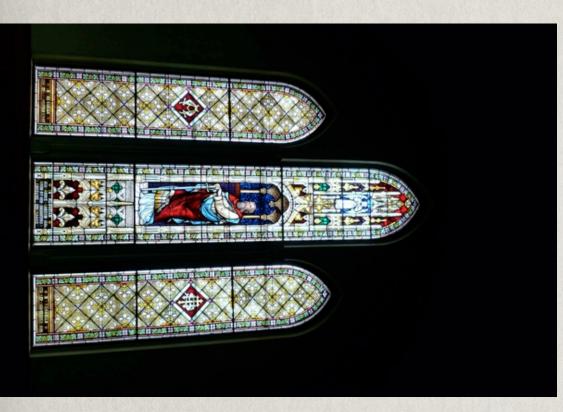
- * Maybe I should have known better....
- * Maybe I did not need another project....
- * Maybe I was stupid it was up for sale for 4 years and no locals bought it... what did they know that I did not know?
- * But I did fall in love with the building and one of the reasons were these.





Tuesday, November 9, 2010

BEAUTIFUL STAINED GLASS WINDOWS!



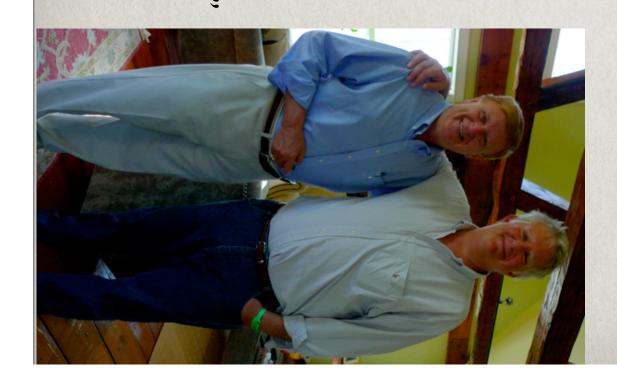
AND LOTS OF



WHO COULD RESIST?

Not me!

*So I bought the building and aspects of it but not a "restoration" decided to "repurpose" the building - essentially preserve

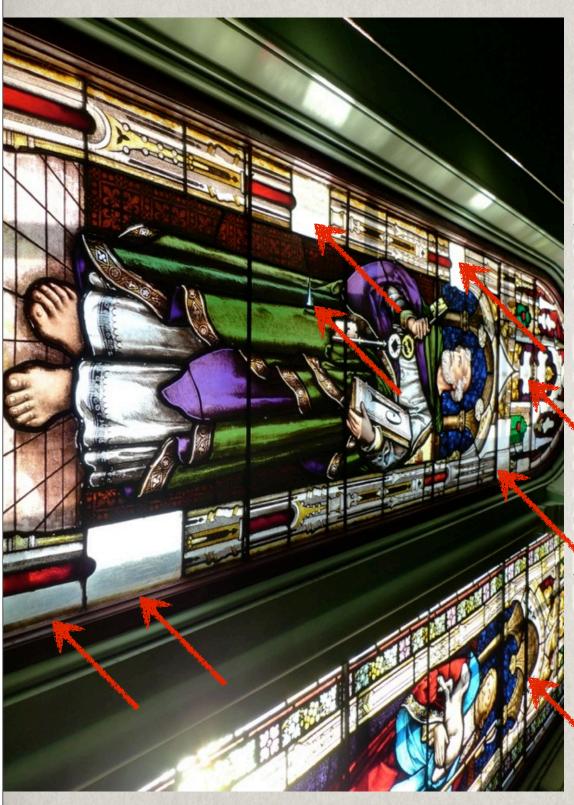


* I did some research and found out that these

CAREFULLY

were not just any old windows - they were





BUT...



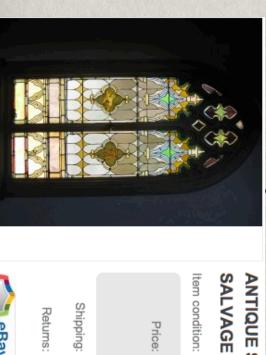
- * I also knew that this was a country church not windows for a country church. Notre Dame, and that these were just outstanding
- * While unique, these windows were typical of many others from the same artist and as such were less valuable then those in higher profile churches

COST TO PRESERVE IS THEN THE FINANCIAL LIKELY TO BE MORE

VALUE

* The sad reality is that many churches are closing and many of the stained glass windows are being removed and sold on Ebay.

* While the value in that church building is high "in situ" - the absolute value is very low.



ANTIQUE STAINED GLASS WINDOW GOTHIC CHURCH SALVAGE

Price: US \$1,250.00

Buy It Now

Watch this item

Shipping: Local pick-up offered. | See all details See shipping below.

Ims: 7 day money back, seller pays return shipping | Read details



SAME SITUATION AS SOME I FOUND MYSELF IN THE ARCHIVES!

- ** It lasted for 100 years likely it will last for another 30 or so during my lifetime
- * Do I really need to fix these windows?
- ****** I have other financial priorities
- ** The cost of restoration is likely greater then the value of the windows
- * The windows are just part of the building



NOW I OWNED THE ARCHIVE AND THE PROJECT!

- *This was MY money not some client's money
- decision
- # I knew very little about stained glass windows



T TO EXPERIENCE STICKER SHOCK!

Window N IV

Removal of window
Transport to the studio
Removal of lead matrix
Careful thorough cleaning of all glass
Replace broken pieces with matching colour, and paint pieces if required
Re-lead all panels
Delivery and installation of window and new supporting bars

N III
Removal of window
Transport to the studio
Removal of lead matrix

Kemoval of window
Transport to the studio
Removal of lead matrix
Careful thorough cleaning of all glass
Replace broken pieces with matching colour, and paint pieces if required
Re-lead all panels
Delivery and installation of window and new supporting bars
\$2.553.00

7

Removal of window
Transport to the studio
Removal of lead matrix
Careful thorough cleaning of all glass
Replace broken pieces with matching colour and paint pieces if required
Re-lead all panels
Delivery and installation of window and supporting bars
\$2 553.00

Total stained glass restoration

\$ 21 902.00

New Outside Protection for main church windows

Window, S. VII S. 723.00
Window, S. VIII S. 723.00
Total Outside Protection S. 12.756.00

Window_E I
Window_E II
Window_E II

SSS

784.00 784.00 784.00 Window N VI

SS

653.00 653.00

This cost estimate does not include any carpentry or painting work that may have to the existing frame. It does not include the scaffolding and does not include any good service tax.

\$34,000

- * Was not even for all the windows!
- * Included treatment plan that seemed "inappropriate to me"
- * Replace Broken Glass with Matching Color
- * Divide window into smaller panels
- * Paint previous repairs to match rest of window
- ** Not Preservation but "recreation"

THIS CLEARLY IS NOT A "DIGITAL PROJECT"

- * Digital Preservation is NOT for everything
- * Digital Migration is a meaningless concept for glass windows
- * The world is an Analog place and physical objects in it will remain analog for the foreseeable future
- * Provenance is important and a reproduction is of little if any value
- * I thought that everything I knew about preservation was inapplicable - but I was wrong about that.....

WHAT DID I DO?

- * Decided to get educated read articles, spoke to other vendors, emailed pictures to other vendors
- * I found that there were some remarkable parallels between types Stained Glass and AV Preservation despite different media
- * I found that they have been doing it longer then we have, and we can learn some things from them!



TECHNOLOGY OF STAINED GLASS

- **** Goes back at least to the 10th Century**
- ** Process to make it described by Theophilus in 1100 AD
- *They have been fixing it for a very long time!

WINDOWS TELL A STORY



the blood of Christ. Christians believe that Jesus' death atoned for peoples' sins and that his resurrection was symbolic of God's forgiveness of these sins. (Matt. The central medallion shows the communion chalice that holds wine, representing

and it, along with wine, are consumed during Communion to remind people of the left, a sheaf of wheat from which bread is made. Bread represents Christ's body Christ's sacrifice that facilitates the forgiveness of sins. To the right of the chalice, is a bunch of grapes from which the wine is made and, to

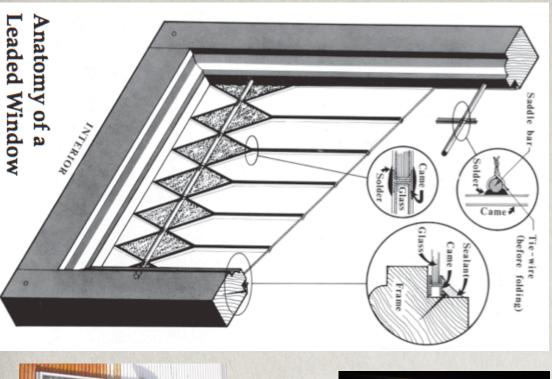
INTERPRETATIONS ALTERNATE

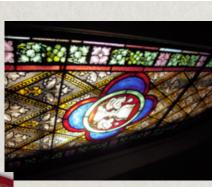


come Christians, it is certainly not the case for all. which focuses solely on the role of Jesus as an "atoning sacrifice" for humanities sins. While this atonement theology is central in the minds of While this is not incorrect, it is but one of many interpretations of the chalice

expression of self-giving love. To share in the bread and cup is to be of Christ, not just as a remembrance of a past event but as a present reality. For example, for some, to share in the bread and cup, is to share in the life nurtured in that life-orientation. "Christ is still alive," such would say, in any human action which is an

NOMENCLATURE

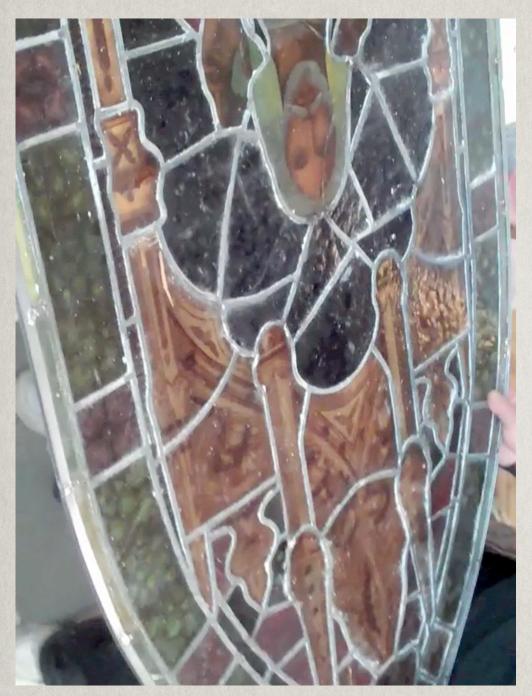




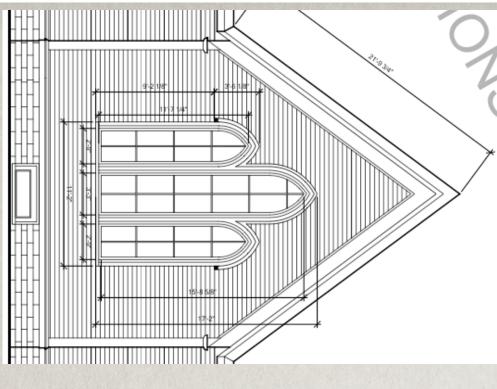


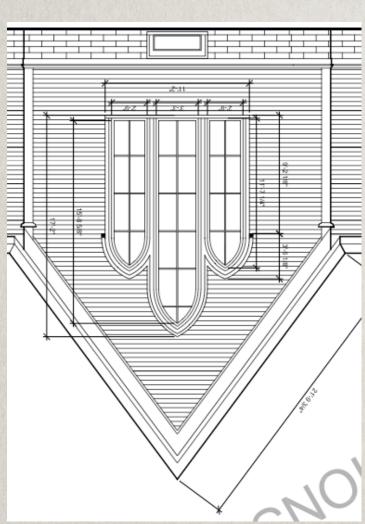


WINDOWS ARE FLEXIBLE!



ASPECT RATIO 11'2" X 17' 2"





WINDOWS SIMILAR TO HD ASPECT RATIO OF GOTIC BUT IN THE OTHER DIRECTION!

₩Windows 17'2"x 11'2"

※1.54

%HD16x9

※1.77

STAINED GLASS



*Get's its colors from Metallic Salts and Oxides

* Some colors very hard or expensive to create

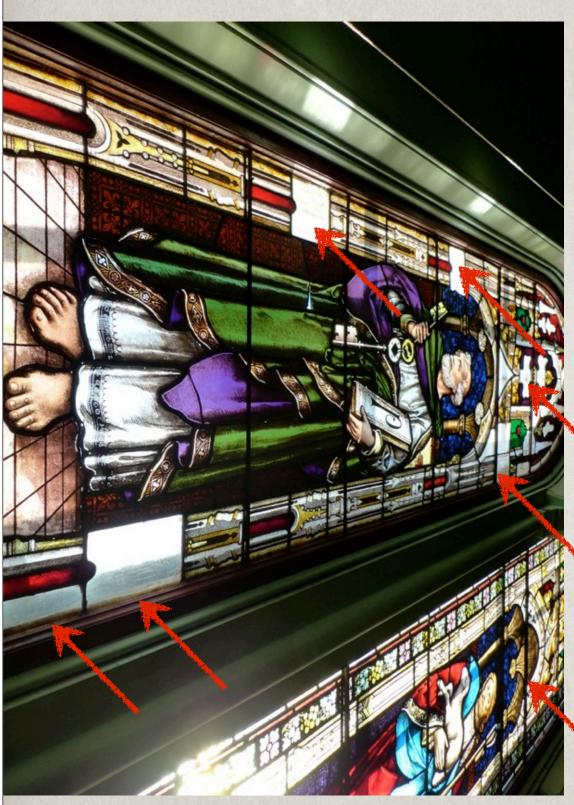
* Made in many different ways

* Damage can explain how it was made



DAMAGED FLASHED GLASS





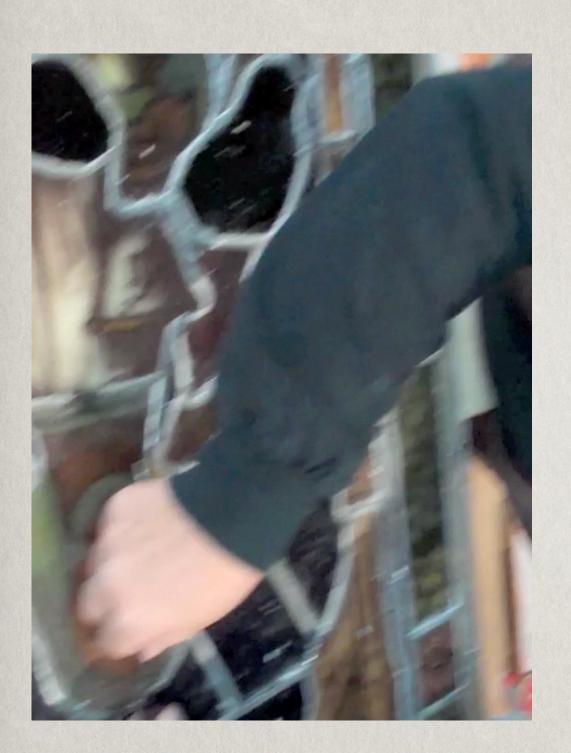
CRACKS POSE ERESTING PROB PROBLEMS



APPROPRIATE TREATMENT WHAT IS THE

- * Leave it the way it is potential of catastrophic loss?
- ** Remove it and replace with blank glass destroys the context of the entire Nave?

WHAT WE DID!



WHAT CAN WE LEARN?

* Many of the issues that we are now for HUNDREDS of years. other fields and have been so - in some cases discussing are parts of standard practice in

ETHICS! STANDARDS AND TRACTICES





Your trail: Conservation F Guidelines for the Conservation and Restoration of Stained Glass

Introduction

Guidelines Overview

Material and Methods

Cleaning

Protective Glazing

Bibliography

Second edition, Nuremberg 2004

- consultants, as well as an introduction and source of information for individuals and organizationsa responsible for the preservation of stained glasssa 1.1 These guidelines outline the ethical principles underlying the conservation and restoration of stained glass of all periods. They serve as a reference for conservators/restorers and
- encourages professional exchange Committee of ICOMOS. The original versions of the current edition are in English, French, and German. Translations into other languages must be undertaken by the National research and publish historic stained glass. Its Conservation Committee promotes conservation and restoration in accordance with these guidelines, co-ordinates research, and Committees of the Corpus Vitrearum and approved by the International Committee for Conservation. The Corpus Vitrearum is an international scholarly organization whose aim is to 1.2 The guidelines were first established in 1989 by the international Committee of the Corpus Vitrearum for the Conservation of Stained Glass in association with the Stained Glass



DES MONUMENTS ET DES SITES

DOCUMENTATION CENTRE UNESCO - ICOMOS CENTRE DE DOCUMENTATION

[PDF-91 Kb]

INTERNATIONAL CHARTER FOR THE CONSERVATION AND RESTORATION OF MONUMENTS AND SITES The Venice Charter- 1964

IInd International Congress of Architects and Technicians of Historic

33 PRESERVATION BRIEFS

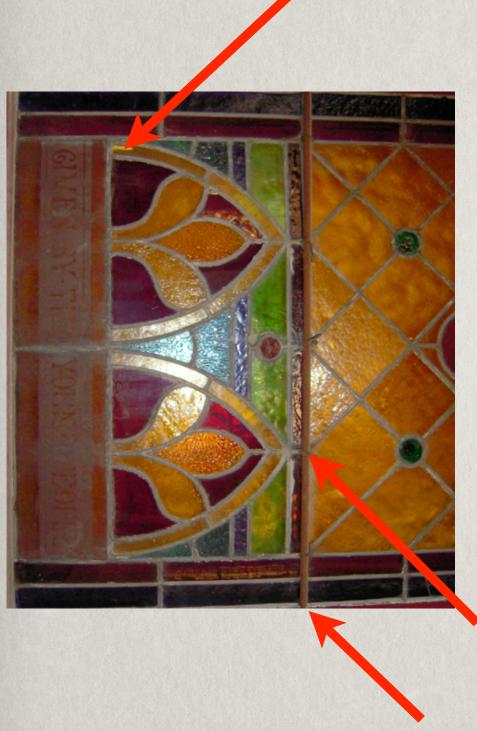
Historic Stained and Leaded Glass The Preservation and Repair of

Neal A. Vogel and Rolf Achilles



WHAT CAN WE LEARN?

* Extensive Documentation before, during, and after treatment.



Condition Report

Window Location: S1 - Lower

Examined By: Penny Bedal Date: January 4, 2010

Exterior Dimensions: H 33 3/8" slanting to 34" W 27 1/2" D 1 3/4"

Interior Dimensions: H 29 1/2" W 23 5/8" D N/A

Description of Overall Deterioration: excellent condition

Photographed By: Penny Bedal Date: January 5, 2010

Details of Damage and/or Deterioration: (eg. bowing, cracked and/or missing glass, painted glass, painted frame, solder joints, glazing putty, cement, wooden frames, saddle bars, surface dirt, etc.)

FRONT (saddlebar side)

| Description of | Location | Recommended Treatment |
|------------------|--------------------|--|
| Damage | | |
| Oxidized lead | Entire window | Buff with Dremel tool, re-cement |
| surfaces | | |
| Drilled holes in | Upper section of | None |
| frame | frame, 7 1/4" from | |
| | top | |
| Bowing - minor | Top section | Don't remove. Apply gentle heat and |
| | | pressure to realign. Then consider |
| | | adding rebar to prevent future bowing. |
| Fading Paint due | Painted memorial | No repair possible short of making new |
| to improper | panels | panels |
| cleaning | | |
| Frame is | Bottom left, more | Wood glue to secure sections and |
| separating | so than right (as | discourage further spreading |
| | viewed from front | |
| | of window) | |
| BACK | | |
| Dusty | All over | Re-cementing process will clean glass. |
| Cracked & | Along most lead | To be refreshed with new cement |
| Missing Cement | lines | |

SOLUTIONS MUST REVERSIBLE

- ** No more "secret sauce" or "proprietary without losing a competitive advantage technique" - one can reveal the process
- ** Solutions must be appropriate to the need just because you have a technology does not mean you must use it.
- * Similar processes of deterioration occur in preservation techniques used in other fields. many objects, we can learn from the

THANKS TO!

- ** Lori Nason, Penny Bedal
- * Cranberry Glass, Nova Scotia Canada
- * Rev. Guenter Dahle, Rev. Dr. Mark Harris
- * Eastern Synod of the Evangelical Lutheran Church in Canada