

Curriculum Vitae  
for  
Gene Summy

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Laguna Niguel, Ca. 92677  
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Objectives:

- To perform field testing of windows, doors and other building envelope components to determine water resistant properties.
- To perform forensic investigations of buildings to determine the sources of water intrusion.
- To be a 3rd party building inspector for builders, developers and architects.
- To train window and door installers to use proper methods and materials that will successfully repel water away from homes.
- To perform as an expert witness in the field of window and door leak analysis.
- To perform as an expert witness in the field of window and door installation analysis
- To perform as an expert witness in the field of building envelope investigation and analysis.
- To perform as an expert witness in the fields of water testing fenestration products and building envelopes.

Education:

- 1984 University of Hawaii at Manoa; Honolulu, Hawaii  
***Bachelors of Business Administration***

Additional Education, Certifications and Licenses:

1992- Study Courses and examinations for the  
***California Rough, Structural Framing Contractor License. Contractor License # 651281***

1998 California State University, Long Beach; Costa Mesa, California  
***Expert Witness Certificate Program.***

2002 ICBO Study courses and examinations for the 1997 UBC Building Inspector License.  
***ICBO (now ICC) certified and licensed Building Inspector #509-5909-10***

2008 AAMA Installation Masters Training.  
***Window and door installation training and certification  
by The American Architectural Manufacturers Association***

2014-15 Study Courses and examinations for the ***California B1 General Contractor License.  
B1 General Contractor License # 651281***

2016 ***Dupont Weatherization Systems Commercial Certified Installer Program.*** Tyvek, Stucco Wrap, Straight Flash, Flex Wrap and other associated products.

Military Service:

***The United States Air Force***

Six years of active duty between May 21, 1976 thru May 20, 1982.

Honorably Discharged.

Gene Summy's corporation Builder's Network, Inc. is registered with the Navy as a Veteran owned company and regularly works for the United States Navy.

**Personal:**

Born in Dallas, Texas

DOB: March 21, 1958

High School in Dallas, Texas and Waialua, Hawaii

Graduated High School 1976 from Waialua High School in Waialua, Hawaii

Graduated college at The University of Hawaii in 1984.

Married with three children and three step children.

***Summary of Qualifications***

1992- Current: ***California licensed General Contractor #651281 (B-1, C-6, HIC)***

2002 - Current: ***ICC / ICBO Professional Licensed Building Inspector # 5095909-10***

1997- Current: ***President and CEO of Builder's Network, Inc and TLS Laboratories.***

***Gene Summy owns 100% of the stock in Builders Network, Inc.***

***Builders Network, Inc owns TLS Laboratories.***

***TLS Laboratories*** is an independent window and door testing company specializing in testing window and door products in the field to determine their water resistance abilities. Differentiating the causes (sources) of leaks between component and installation is a special ability of TLS Laboratories. TLS Laboratories has the special ability to test homeowner occupied homes to track down and identify sources of water intrusion. All types of leaks will be identified by TLS Laboratories; these include deck leaks, roof leaks, and other wall penetration sources. Photo and video documentation is professionally prepared.

***TLS Laboratories performs 3rd party inspections*** during the course of construction for some of the nations largest builders. (Shea Homes, Trilogy Active Adult, Rancho Mission Viejo Homes, The Hanover Company, Alliance Residential, Lyon Communities, Shea Properties)

***TLS Laboratories performs some of the more difficult warranty investigations*** for water intrusion problems for some of the nations largest builders. (Pardee Homes, Shea Homes, Centex Homes, John Laing Homes)

***TLS Laboratories performs peer review and product testing*** for some of the building industries largest suppliers: (The Fortifiber Corporation, The DuPont Corporation, Top Industrial, Milgard Manufacturing, Alside Windows, Waterblock Waterproofing Systems, Premiere Industrial Supply.)

### **Manufacturing:**

**TLS Laboratories manufactures** a family of specialty **flashing corner** products called **Corner Flash®**. TLS Laboratories also manufactures a product line called **Lightning Flash®**. These flashing products are designed for transitional flashing applications such as recessed windows, soffit returns and window sill pans. Gene **owns three (3) United States patents** covering these products.

The **Lightning Flash** product line was recently licensed by **The Fortifiber Building Products Group** and a private label agreement was set in place. The Fortifiber product called "**Moistop Rigid Corner Shield**" uses the design created by Gene Summy. TLS Laboratories manufactures the **Moistop Rigid Corner Shield** product for Fortifiber.

**Benjamin Obdyke** of Horsham, PA has hired Gene Summy's Firm TLS Laboratories to private label their new "**HydroCorner**" product. Gene Summy designed and developed the product that will be used by Benjamin Obdyke.

**Lightning Flash** has a **US Trademark 85315580**

Gene Summy created a flashing corner design used by Top Industrial, Inc. Top Industrial has a brand called "**Rainbuster**". The **Rainbuster 425 Flashing Corner** was designed by Gene Summy. A private label agreement was entered into and TLS Laboratories manufactures the **Rainbuster 425 "A" and 425 "B" Flashing Corners for Top Industrial**.

**Gene Summy's Corner Flash Products** are included in **The Fortifiber Building Products Group** Fortishield warranty program. Gene Summy's step by step flashing design is widely distributed as the accepted process for using Fortifiber products in the recess flashing process.

- **Gene Summy's Corner Flash® products have been awarded three (3) different patents by the United States Patent office. No. 7,735,291, No. 9,032,688 and 9,458,627 B2**
- **Gene Summy manufactures Corner Flash® products in The United States of America.**
- **Corner Flash®** is a registered Trademark owned by Gene Summy (Reg.# 3,263,860).

**TLS Laboratories currently has additional flashing products in the design stage.**

***Gene Summy's special projects and abilities:***

- ***Developed and patented the GS 100 Corner Flashing System*** known as ***Corner Flash®***. This product is widely distributed across the nation by large distributors such as White Cap Construction Supply and Sunshine Construction Supply. The ***Corner Flash®*** system is specified by many large architectural firms such as William Hezmallach Architects, Kip Klayton architects, KTGy architects, MVE architects, and Bassenian Lagoni Architects. Toll Brothers (America's Luxury Homebuilder) requires the use of the ***Corner Flash®*** products on all their recessed windows.
- The ***Fortifiber Corporation*** uses the ***GS 100 Corner Flashing System as their system for flashing recessed windows and provides a Fortishield 10 year warranty on the assembly.***
- ***Gene Summy*** manufactures products known as ***Lightning Flash Corners***. These are outside flashing corners used for pans under windows and transitional flashing purposes. ***Gene Summy manufactures these products in The United States of America.***
- ***Synergy Certifications Training:*** Gene Summy developed ***SynergyCertifications.com***; this is an on-line training website that is dedicated to training window and door installers on various methods of installation strategies. Currently, this website is supported by ***The Fortifiber Corporation*** and ***Semco Wood Windows***. ***SynergyCertifications.com*** has been selected by ***The Fortifiber Corporation*** to train installers on how to correctly implement The Fortifiber High Performance Window Installation System. Other window installation strategies and French Door installation strategies are available on this website as well.
- Gene Summy ***is featured in the training videos that appear on SynergyCertifications.com; these videos focus on the proper installation of windows and doors.***
- Gene Summy ***Developed the Flashing Corners used by Top Industrial and marketed as the Rainbuster 425 Corners.*** Gene Summy manufactures these flashing corners and sells them to Top Industrial as a private label product for their ***Rainbuster Brand***. Gene worked closely with Top Industrial to develop their flashing systems best practices.
- ***Developed the Synergy Project.*** This is a program to train and certify window and door installers. Many builders and manufacturers in California, Arizona, Nevada and Washington have trained their window and door installers using this program.
- ***Developed the LPTP program with Shea Homes.*** This is a program to identify and eliminate rain related leaks. (LPTP= Leak Prevention and Testing Process)
- ***Worked with Top Rainbuster to develop the Rainbuster window installation process*** that receives the Rainbuster Lifetime Warranty by Top Industrial Products.
- ***Produced,*** narrated and appeared in a ***Rainbuster Training video*** for Top Industrial.
- ***Developed*** the methods for installing the ***Therma tru "Tru Defense"*** French Door systems.

- **Developed** the methods for installing the **Therma tru “Tru Defense”** Entry Door systems.
- **Wrote the installation manuals** for **Therma tru** describing their **“Tru Defense”** installation process.
- **Appeared in and narrated the installation video** for installing the Therma tru **“Tru Defense”** French Door system.
- **Appeared in and narrated the installation video** for installing the Therma tru **“Tru Defense”** Entry Door system.

**Henkel OSI WinteQ Training:**

**Gene Summy designed and narrated the video training for the Henkel OSI WinteQ window installation systems. This is a National Training program** fully sponsored by the Henkel OSI WinteQ brands. Gene Summy supplies the certification cards that successful students receive upon completion of their Henkel OSI WinteQ Window Installation Training. Gene Summy works closely with the **Henkel OSI WinteQ team** to develop their window installation strategies and personally developed their West Coast AAMA method B strategy.

Gene Summy owns the websites:

***Henkel.synergycertifications.com & Winteq.synergycertifications.com***

**Gene Summy designed the testing equipment** used by TLS Laboratories. This equipment is widely accepted by leading window and door manufacturers as fair and legitimate. Many window and door manufacturers rely upon the information provided by Gene Summy to determine if they have product failures in the field. Gene Summy's company TLS Laboratories calibrates the spray apparatuses for other industry experts.

Gene Summy will photo document and archive large photo libraries for use in legal matters.

Gene Summy will take video and produce digital movies and DVD's that will be compelling for his clients.

Gene uses **Final Cut Pro** to create his video productions.

**Employment history:**

1997- Current: President & CEO of **TLS Laboratories and Builder's Network, Inc.**

2002 - 2004 : President & CEO of **Expert Window and Door**; Laguna Niguel, Ca.

Expert Window and Door specialized in installing windows and doors for large builders.

1992-2000: President / Owner of **Red Rose Window and Door**.

Red Rose Window and Door specialized in sales and installation of windows and doors for large builders.

1990-1992: West Coast Sales Manager for **The Atrium Door and Window Company**; Dallas, Texas. Responsible for the sales and distribution of wood window and door products throughout the Western United States, Hawaii and Japan.

1986- 1990: General Sales Manager for **Sterling Pacific Building Materials**; Costa Mesa California. Responsible for the sales of Marvin Wood Window Products in Southern California.

**Professional Associations:**

- Forensic Expert Witness Association
- International Conference of Building Officials, Professional Member
- International Code Council

**Awards received:**

- 1994 Subcontractor of the Quarter - Centex Homes
- 1995 Subcontractor of the Quarter - Centex Homes
- 1995 Milgard Manufacturing Top Ten Dealer Award
- 1997 Shea Homes **"Doing it Right the 1st Time"** award.
- 2000 SHEA award for LPTP Program (Leak Prevention and Testing Process)
- 2008 Top Industrial -Award for Innovative Methodology

**Selected Client List:**

- The Andersen Window Corporation
- The Pella Window Corporation
- Semco Windows
- Architectural Traditions
- Milgard Windows
- Alside Windows
- Clearview Windows
- Sierra Pacific Windows
- The Fortifiber Building Systems Group
- Top Industrial
- Premiere Industrial Supply
- Therma-Tru
- T.M. Cobb
- Pulte Homes
- Suffolk Construction
- Rancho Mission Viejo
- Shea Properties
- Champion Windows
- Shea Homes
- Trilogy Communities
- Centex Homes
- John Laing Homes
- Brookfield Homes
- MBK Homes
- Pardee Homes
- Toll Brothers
- Comstock Homes
- Standard Pacific Homes
- New Millennium Homes
- Roel Consulting
- Select Build
- Sundt Construction
- The Hanover Company
- Alliance Residential
- DuPont
- Weatherization Partners, Limited

**Published Articles:**

August 2002	Builder and Developer Magazine	<b><i>“Small Leaks Big Problems”</i></b>
June 2007	The Journal of Light Construction	<b><i>“Flashing Recessed Windows”</i></b>
February 2010	The Journal of Light Construction	<b><i>“How to Install French Doors”</i></b>
November 2010	The Journal of Light Construction	<b><i>“Installing Retro Fit Windows”</i></b>
August 2011	The Journal of Light Construction	<b><i>“Flashing Electrical Boxes in Stucco”</i></b>
October 2012	The Journal of Light Construction	<b><i>“Keeping Water Out of Stucco Walls”</i></b>
January 2016	The Journal of Light Construction	<b><i>“Installing Flanged Windows: Two Strategies Compared- Part 1”</i></b>
February 2016	The Journal of Light Construction	<b><i>“Installing Flanged Windows: Two Strategies Compared- Part 2”</i></b>

**Gene Summy featured in:**

September 2002 The Orange County Register Newspaper ***“Leak Proofing Your French Doors”***

**Speaking Engagements:**

- Building Sciences Seminars Sponsored by ***The DuPont Corporation***

September 2003 - Oxnard, Ca.

***Subject: Building envelope water management and window installation strategies***

- Building Sciences Seminars Sponsored by ***The DuPont Corporation***

September 2003- Granada Hills, Ca.

***Subject: Building envelope water management and window installation strategies***

- Building Sciences Seminars Sponsored by ***The DuPont Corporation***

November 2003- San Diego, Ca.

***Subject: Building envelope water management and window installation strategies***

- Building Sciences Seminars Sponsored by ***The DuPont Corporation***

December 2003- Fresno, Ca.

***Subject: Building envelope water management and window installation strategies***

- ***TM Cobb- Taylor Brothers-*** Contractor appreciation evening- Gene was hired to speak on the importance of water management and proper window installation practices.

January 2004

- ***Shea Homes, Trilogy Glen Ivy, Corona California-***Leak Prevention Training Seminar - Window installation training.

October 2006-

- ***Shea Homes- with TWR Framing -Inland Empire Division, California-*** Training Field Superintendents-How to inspect homes for correct flashing around windows and doors

March 2007-

- **Centex Homes, Central Coast, California**- Training Field Superintendents-How to inspect homes for correct flashing around windows and doors-

March 2007

- **Centex Homes, Los Angeles, California**-Training Field Superintendents-How to inspect homes for correct flashing around windows and doors-

September 2009

- **The Jeld-wen Corporation**- Contractor appreciation seminar; presentation on the importance of quality window installations and how to provide them.

January 2009

- **Shea Homes, Trilogy , Redmond, Washington**-Leak Prevention Training Seminar- Window installation training.

March 2010- Van Nuys, Ca.

- **TM Cobb- Taylor Brothers**- Contractor appreciation evening- Gene was hired to speak on the importance of water management and proper window installation practices.

June 2010

- **TM Cobb**-Dealer appreciation lunch presentation- Gene was hired to speak on the importance of water management and proper window installation practices.

September 2010- Van Nuys, Ca.

- **TM Cobb- Taylor Brothers**- Contractor appreciation evening- Gene was hired to speak on the importance of water management and proper window installation practices.

October 2010- Van Nuys, Ca.

- **Erickson-Hall Contractors**- General Superintendents meeting. Gene was engaged to present water management seminar to superintendents and assistants.

April 2016

- **Shea Trilogy Communities, Brentwood CA**- Superintendents meeting. Gene was engaged to present water management seminar to superintendents and assistants.

May 2016

- **The Fortifiber Corporation, Fernley, NV**- Speak to sales and marketing force about water managed wall systems.

May 2017

- **Shea Trilogy Communities, Nipomo, CA**- Speak to Superintendents and assistants about water managed wall systems and window installation.